L	Hits	Search Text	DB	Time stamp
Number	111.03			•
1	13	((acceptable near tolerance) or (align\$5 with fraction with degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:22
2	1660	(specimen adj stage) or (optical adj (bench or stage)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:25
3	5	((specimen adj stage) or (optical adj (bench or stage)) and ion) and ((acceptable near tolerance) or (align\$5 with fraction with degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:22
4	346	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:25
5	221	(((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:25
6	3	((((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5) and Einzel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:27
7	3288	(Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:28
8	396	((Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:29
9	39	(((Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens) and pulser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:34
10	360	<pre>(mak\$4 or manufactur\$4) with (optical near (bench or stage))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 13:42
11	3	("4796974" "4856887" "4927257").PN.	USPAT	2003/12/30 13:12
12	6	5058993.URPN.	USPAT	2003/12/30
13	3	("2959832" "2953970" "2803986").PN.	USPAT	2003/12/30 13:21
14	4	3758217.URPN.	USPAT	2003/12/30 13:23
15	0	2065178.URPN.	USPAT	2003/12/30 13:30
16	0	200141539.URPN.	USPAT	2003/12/30 13:32
17	1	2002-239394.NRAN.	DERWENT	2003/12/30 13:32
18	1	2133901.URPN.	USPAT	2003/12/30 13:39
19	1	1984-190976.NRAN.	DERWENT	2003/12/30 13:39

		(-1 AF with (frantism many) domas))	HCDAM.	2003/12/30
20	0	(align\$5 with (fraction near2 degree))	USPAT; US-PGPUB;	13:50
		and (mass adj spectrometer)	EPO; JPO;	13.30
			DERWENT;	
			IBM TDB	
21	ا ه ا	(align\$5 with (acceptable adj tolerance))	USPAT;	2003/12/30
	Ĭ	and (mass adj spectrometer)	US-PGPUB;	13:44
		and (mass aa) spectrumer,	EPO; JPO;	
			DERWENT;	
			IBM TDB	
22	0	<pre>(align\$5 with (fraction near2 degree))</pre>	USPĀT;	2003/12/30
		and TOF	US-PGPUB;	13:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
23	0	<pre>(align\$5 with (fraction near2 degree))</pre>	USPAT;	2003/12/30
		and (ion adj optic)	US-PGPUB;	13:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000 (10 (00
24	1	\	USPAT;	2003/12/30
		and (ion adj optic)	US-PGPUB;	13:45
1			EPO; JPO;	
			DERWENT; IBM TDB	
	1.2	/	USPAT;	2003/12/30
25	13	(acceptable adj tolerance) and (TOF or	US-PGPUB;	13:45
		(mass adj spectrometer))	EPO; JPO;	13.49
	İ		DERWENT;	
			IBM TDB	,
26	o	((acceptable adj tolerance) and (TOF or	USPAT;	2003/12/30
20		(mass adj spectrometer))) and (ion adj	US-PGPUB;	13:46
		optic)	EPO; JPO;	10010
		Орего	DERWENT;	
			IBM TDB	
28	1	(((acceptable adj tolerance) and (TOF or	USPAT;	2003/12/30
	_	(mass adj spectrometer))) and align\$4)	US-PGPUB;	13:46
		and lens	EPO; JPO;	,
			DERWENT;	1
			IBM_TDB	
27	10	((acceptable adj tolerance) and (TOF or	USPAT;	2003/12/30
		(mass adj spectrometer))) and align\$4	US-PGPUB;	13:46
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/12/20
29	35	((acceptable adj tolerance) or (fraction	USPAT;	2003/12/30
		near2 degree)) and (mass adj	US-PGPUB; EPO; JPO;	13:57
		spectrometer)	DERWENT;	
			IBM TDB	
20	14	 (((acceptable adj tolerance) or (fraction	USPAT;	2003/12/30
30	14	near2 degree)) and (mass adj	US-PGPUB;	13:51
	f	spectrometer) and align\$6	EPO; JPO;	
		Spectometer, and arrango	DERWENT;	
			IBM TDB	
31	12	((((acceptable adj tolerance) or	USPAT;	2003/12/30
		(fraction near2 degree)) and (mass adj	US-PGPUB;	13:51
	ĺ	spectrometer)) and align\$6) and ion	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
33	0	((((((acceptable adj tolerance) or	USPĀT;	2003/12/30
		(fraction near2 degree)) and (mass adj	US-PGPUB;	13:52
	ĺ	spectrometer)) and align\$6) and ion) and	EPO; JPO;	
		detector) and ((puls\$3 with laser) or	DERWENT;	
		pulser or lens or (ion near mirror))	IBM_TDB	0000/20/20
32	11	(((((acceptable adj tolerance) or	USPAT;	2003/12/30
		(fraction near2 degree)) and (mass adj	US-PGPUB;	13:52
1		spectrometer)) and align\$6) and ion) and	EPO; JPO;	
1		detector	DERWENT;	
			IBM_TDB	

	,			0000/100
34	0	(align\$5 with ((acceptable adj tolerance)	USPAT;	2003/12/30
		or (fraction near2 degree))) and (mass	US-PGPUB;	14:04
		adj spectrometer)	EPO; JPO;	
	l '		DERWENT;	
25	1.5	(.1: ¢5 † //	IBM_TDB USPAT;	2003/12/30
35	157	(align\$5 with ((acceptable adj tolerance)	US-PGPUB;	13:58
		or (fraction near2 degree)))	EPO; JPO;	13.30
•			DERWENT;	
			IBM TDB	
36	1	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
36	1	tolerance) or (fraction near2 degree)))))	US-PGPUB;	14:00
		and (ion near optic)	EPO; JPO;	11.00
		and ton hear opero,	DERWENT;	
			IBM TDB	
37	0	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
		tolerance) or (fraction near2 degree)))))	US-PGPUB;	13:59
	1	and (TOF or (time adj of adj flight))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
38	1	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
		tolerance) or (fraction near2 degree))))	US-PGPUB;	14:00
		and (ion near1 optic\$4)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/10/00
39	16	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
		tolerance) or (fraction near2 degree)))))	US-PGPUB;	14:00
		and ion	EPO; JPO; DERWENT;	
			IBM TDB	
4.1	5	((((align\$5 with ((acceptable adj	USPAT;	2003/12/30
41	3	tolerance) or (fraction near2 degree))))	US-PGPUB;	14:01
		and ion) and lens) and (table or platform	EPO; JPO;	
		or bench or stage)	DERWENT;	'
		of Bellon of Beage,	IBM TDB	
40	6	(((align\$5 with ((acceptable adj	USPAT;	2003/12/30
''		tolerance) or (fraction near2 degree)))))	US-PGPUB;	14:03
•		and ion) and lens	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
42	0		USPAT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:05
		near2 degree))) and (mass adj	EPO; JPO;	
		spectrometer)	DERWENT;	
142	1	//entical\$4 moar4 alien\$E\ with	IBM_TDB USPAT;	2003/12/30
43	4	((optical\$4 near4 align\$5) with ((acceptable adj tolerance) or (fraction	US-PGPUB;	14:07
		near2 degree)))	EPO; JPO;	
		Hearz degree///	DERWENT;	
			IBM TDB	
44	4	((optical\$4 near4 align\$5) with	USPAT;	2003/12/30
''		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:09
		near2 degree))) (((optical\$4 near4	EPO; JPO;	
		align\$5) with ((acceptable adj tolerance)	DERWENT;	
	1	or (fraction near2 degree)))) and ion	IBM_TDB	
45	0	(((optical\$4 near4 align\$5) with	USPĀT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:09
		near2 degree)))) and ((optical\$4 near4	EPO; JPO;	
		align\$5) with ((acceptable adj tolerance)	DERWENT;	
1		or (fraction near2 degree))) and ion	IBM TDB	

L Number	Hits	Search Text	DB	Time stamp
1	13	((acceptable near tolerance) or (align\$5 with fraction with degree)) and (mass adj spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:22
2	1660	(specimen adj stage) or (optical adj (bench or stage)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 12:25
3	5	((specimen adj stage) or (optical adj (bench or stage)) and ion) and ((acceptable near tolerance) or (align\$5 with fraction with degree))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 12:22
4	346	((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:25
5	221	(((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:25
6	3	((((specimen adj stage) or (optical adj (bench or stage)) and ion) and puls\$4) and align\$5) and Einzel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:27
7	3288	(Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:28
8	396	((Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:29
9	39	(((Tof or (time adj of adj flight) or TOF-MS or TOFMS) and (stage or table)) and detector and lens) and pulser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 12:34
10	360	(mak\$4 or manufactur\$4) with (optical near (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 13:42
11	3	("4796974" "4856887" "4927257").PN.	USPAT	2003/12/30 13:12
12	6	5058993.URPN.	USPAT	2003/12/30 13:12
13	3	("2959832" "2953970" "2803986").PN.	USPAT	2003/12/30
14	4	3758217.URPN.	USPAT	2003/12/30
15	0	2065178.URPN.	USPAT	2003/12/30 13:30 2003/12/30
16 17	0	200141539.URPN. 2002-239394.NRAN.	USPAT DERWENT	13:32 2003/12/30
18	1	2133901.URPN.	USPAT	13:32 2003/12/30
19	1	1984-190976.NRAN.	DERWENT	13:39 2003/12/30
				13:39

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21	20	0	(align\$5 with (fraction near2 degree))	USPAT;	2003/12/30
			and (mass adj spectrometer)		13:50
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22 0 (align\$5 with (fraction near2 degree) USPAT; 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 13:45 2003/12/30 2003					2002/12/20
22 0	21	0			
			and (mass adj spectrometer)		13:44
22 0 (align\$\$ with (fraction near2 degree)) USPAT; US-FCPUB; EPO, JPO; DERWENT; INM TOB USPAT; US-FCPUB; EPO, JPO; USPAT; US-FCPUB; EPO,	1				
23 0 (align\$5 with (fraction near2 degree)) USFAT; 2003/12/30 13:43 23 23 0 (align\$5 with (fraction near2 degree)) USFAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 13:43 2003/12/30 13:43 2003/12/30 13:43 2003/12/30 2003/					
23 0 (align\$\$ with (fraction near2 degree)) 25-60PUB; 13:43 2003/12/30			(2 ' A5 ' (1	_	2002/12/20
23 0 (align\$\$ with (fraction near2 degree)) DERWENT; IBM TDB DO3/12/30 DA3/12/30 DA3/12/	22	0			
23			and TOF		13.43
23 0					
23 0 (align\$5 with (fraction near2 degree) and (ion adj optic) (13:43 (1					
24 1	1 22	ا م	(align\$5 with (fraction near? degree))	_	2003/12/30
1	23		and (ion adi ontic)		· · · · · · · · · · · · · · · · · · ·
			and (10h ad) optic/		100.10
1					
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and (ion adj optic) USP-GPUB; EPO, JPO, DERWENT; IBM TDB 13:45	24	1	(align\$5 with (acceptable adi tolerance))	_	2003/12/30
25 13		_		US-PGPUB;	13:45
1			,,	EPO; JPO;	
25				DERWENT;	
(mass adj spectrometer) Us-pcpUB; EPO; JPO; DERWENT; IBM_TDB Us-pcpUB; EPO; JPO; IBM_TDB Us-pcpUB; EPO; JPO; IBM_TDB Us-pcpUB; IBM	[IBM_TDB	
(mass adj spectrometer) Us-pcpUB; EPO; JPO; DERWENT; IBM TDB UsPAT; US-pcpUB; EPO; JPO; USPAT;	25	13	(acceptable adj tolerance) and (TOF or	USPĀT;	2003/12/30
DERWENT; STATE S			(mass adj spectrometer))	US-PGPUB;	13:45
1			· -	EPO; JPO;	
1				DERWENT;	
(mass adj spectrometer)) and (ion adj optic) US-PGPUB; EBC; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EBC; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EB				_	
28 1	26	0		· ·	I
1					13:46
1			optic)		
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(mass adj spectrometer)) and align\$4 US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWE			// / A A A A A A A A A A A A A A A A A	_	2002/12/20
and lens EPC; JPO; DEWENT; IBM_TDB USPAT; US-PGPUB; EPC; JPO; DERWENT; IBM_TDB USPAT;	28] 1	(((acceptable adj tolerance) and (TOF or		
DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT					13:46
10			and lens		
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(mass adj spectrometer)) and align\$4 US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO;	27	10	((acceptable adi tolerance) and (TOF or	_	2003/12/30
29 35 ((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer) 10 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) 11 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 13 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 14 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion (uspāt; 15 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 15 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer)	- '	"		1	t i
29 35 ((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer) 30 14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 USPAT; 1BM TDB USPAT;			(11125 44) 5000201100002/// 4114 412 911/1	l	
35					
near2 degree)) and (mass adj spectrometer) 14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6				IBM TDB	
near2 degree)) and (mass adj spectrometer) 14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 15 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 16 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 17 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) ((((((acceptable adj tolerance) or pulser or lens or (ion near mirror)) ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer) and (mass adj spectrometer)) and (mass adj spectrometer)) and (mass adj spectrometer) and (mass adj	29	35	((acceptable adj tolerance) or (fraction	USPĀT;	2003/12/30
spectrometer) 14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 15 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 16 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 17 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near mirror)) (ISPAT; pulser or lens or (ion near mirror)) (IBM_TDB USPAT; pulser or lens or (ion near m					13:57
14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 12 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 13 (((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 13 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) 14 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector 15 (Fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector 16 (Fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector	}				
14 (((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 31 0 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 33 0 (((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 34 10 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer)) and align\$6) and ion) and (mass adj spectrometer)) and align\$6) and ion) and detector 35 2 11 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector				1	
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spectrometer)) and align\$6 2003/12/30 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 33	30	14			1
31 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 33 0 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion (mass adj spectrometer) and align\$6) and ion (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 34 11 ((((acceptable adj tolerance) or pulser or lens or (ion near mirror)) 35 11 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector 36 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector				1	13:51
31 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 33 0 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and (puls\$3 with laser) or pulser or lens or (ion near mirror)) ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (JSPAT; Spectrometer)) and (USPAT; Spectrometer) and (USPAT; (JSPAT; Spectrometer) and (USP			spectrometer)) and align\$6	· ·	
31 12 ((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion 33 0 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; (USPAT; USPAT; (IBM_TDB_SPAT; USPAT; (IBM_TDB_SPAT; USPAT)) (USPAT; USPAT; USPAT) (USPAT; USPAT) (USPAT; USPAT) (USPAT) (USPAT					
(fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion (((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (SPAT; (2003/12/30) (13:52) (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (SPAT; (2003/12/30) (13:52) (13:52)				_	2002/12/20
spectrometer)) and align\$6) and ion (((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and (USPAT; 2003/12/30 (SPAT; 2003/12/30 (Fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector	31	12		· ·	
DERWENT; IBM_TDB USPAT; USPAT; USPAT; USPAT; USPAT; US-PGPUB; Spectrometer)) and align\$6) and ion) and detector) and ([puls\$3 with laser) or pulser or lens or (ion near mirror)) IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US			(iraction near/ degree)) and (mass ad]		13.31
O ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; pulser or lens or (ion near mirror)) IBM_TDB US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; Spectrometer)) and align\$6) and ion) and detector IBM_TDB US-PGPUB; EPO; JPO; DERWENT;			spectrometer); and alignab; and ion		
0 ((((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and part (brown) berwent; pulser or lens or (ion near mirror)) 12 (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector 13:52 2003/12/30 13:52 2003/12/30 13:52 2003/12/30 13:52					
(fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and part is perfectly and align\$6 and ion) and detector SPGPUB; EPO; JPO; DERWENT; 13:52 1	33	_	[[[[[]]]]]]		2003/12/30
spectrometer)) and align\$6) and ion) and detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and part (berwent; Spectrometer Derwent;	33			1	
detector) and ((puls\$3 with laser) or pulser or lens or (ion near mirror)) 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj us-PGPUB; spectrometer)) and align\$6) and ion) and telepo; JPO; detector DERWENT; DERWENT; DERWENT; DERWENT;					
pulser or lens or (ion near mirror)) 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj spectrometer)) and align\$6) and ion) and perwent; DERWENT; DERWENT;		1	detector) and ((nuls\$3 with laser) or		
32 11 (((((acceptable adj tolerance) or (fraction near2 degree)) and (mass adj US-PGPUB; spectrometer)) and align\$6) and ion) and EPO; JPO; detector 12 USPĀT; 2003/12/30 US-PGPUB; 13:52 EPO; JPO; DERWENT;		}			
(fraction near2 degree)) and (mass adj US-PGPUB; 13:52 spectrometer)) and align\$6) and ion) and EPO; JPO; detector DERWENT;	32	11			2003/12/30
spectrometer)) and align\$6) and ion) and EPO; JPO; detector DERWENT;				US-PGPUB;	13:52
detector DERWENT;					
IBM TDB		Ī	_ =		
		L		IBM TDB	<u> </u>

34	0	(align\$5 with ((acceptable adj tolerance)	USPAT;	2003/12/30
	1	or (fraction near2 degree))) and (mass	US-PGPUB;	14:04
		adj spectrometer)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
35	157	(align\$5 with ((acceptable adj tolerance)	USPAT;	2003/12/30
	10,	or (fraction near2 degree)))	US-PGPUB;	13:58
		01 (1140-1011 11-411 41-91-17)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
20	1	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
36	1 1		US-PGPUB;	14:00
	Ì	tolerance) or (fraction near2 degree)))))	EPO; JPO;	14.00
		and (ion near optic)	DERWENT;	
1			IBM_TDB	2002/12/20
37	0		USPAT;	2003/12/30
		tolerance) or (fraction near2 degree))))	US-PGPUB;	13:59
		and (TOF or (time adj of adj flight))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
38	1	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
		tolerance) or (fraction near2 degree))))	US-PGPUB;	14:00
		and (ion near1 optic\$4)	EPO; JPO;	
	1	- · · ·	DERWENT;	
			IBM TDB	
41	5	((((align\$5 with ((acceptable adj	USPAT;	2003/12/30
*-		tolerance) or (fraction near2 degree))))	US-PGPUB;	14:01
		and ion) and lens) and (table or platform	EPO; JPO;	1
1		or bench or stage)	DERWENT;	
		of bench of stage,	IBM TDB	
40	6	(((align\$5 with ((acceptable adj	USPAT;	2003/12/30
40	•	tolerance) or (fraction near2 degree))))	US-PGPUB;	14:03
			EPO; JPO;	14.05
		and ion) and lens	DERWENT;	
1		44 1 344 4 .34 45 45	IBM_TDB USPAT;	2003/12/30
42	0	((optical\$4 near4 align\$5) with	US-PGPUB;	14:05
		((acceptable adj tolerance) or (fraction		14:05
		near2 degree))) and (mass adj	EPO; JPO;	·
		spectrometer)	DERWENT;	
			IBM_TDB	0003/10/20
43	4	((optical\$4 near4 align\$5) with	USPAT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:07
		near2 degree)))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	/
44	4		USPAT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:09
		near2 degree))) (((optical\$4 near4	EPO; JPO;	
		align\$5) with ((acceptable adj tolerance)	DERWENT;	
		or (fraction near2 degree)))) and ion	IBM_TDB	
45	0	(((optical\$4 near4 align\$5) with	USPAT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:10
		near2 degree)))) and ((optical\$4 near4	EPO; JPO;	
		align\$5) with ((acceptable adj tolerance)	DERWENT;	
		or (fraction near2 degree))) and ion	IBM_TDB	
46	0	1	USPĀT;	2003/12/30
		((acceptable adj tolerance) or (fraction	US-PGPUB;	14:10
		near2 degree)))) and ((optical\$4 near4	EPO; JPO;	
		align\$5) with ((acceptable adj tolerance)	DERWENT;	
		or (fraction near2 degree))) and (mass	IBM TDB]
		near spectromet\$4)		'
39	16	((align\$5 with ((acceptable adj	USPAT;	2003/12/30
1 -		tolerance) or (fraction near2 degree))))	US-PGPUB;	14:12
1		and ion	EPO; JPO;	
			DERWENT;	
			IBM TDB	
1	1	1		·

L	Hits	Search Text	DB	Time stamp
Number 1	689	ion adj optics	USPAT; US-PGPUB;	2003/12/30 17:50
3	15	(ion adj optics) and (optical adj (stage or table or bench))	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/30 17:51
5	1	(((ion adj optics) and (optical adj (stage or table or bench))) and align\$5) and (tolerance or margin or (fraction near4 degree))	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 18:25
4	15	((ion adj optics) and (optical adj (stage or table or bench))) and align\$5	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 18:26
6	3	((ion adj optics) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 17:57
7	43	(mass adj spectrometer) and (optical near (stage or table or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 18:00
8	9	((mass adj spectrometer) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/30 18:01
9	7	(((mass adj spectrometer) and (optical near (stage or table or bench))) and (tolerance or margin or (fraction near4 degree))) and align\$5	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 18:01
10	14	("3725658" "4177381" "4297871" "4558708" "4692621" "4852583" "5081998" "5095915" "5247185" "5281817" "5282473" "5296706" "5464982" "5583339").PN.	USPAT	2003/12/30 18:05
2	19		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 18:19
11	79	<pre>(method with (mak\$4 or manufactur\$4 or form\$4) with (optical near (stage or table or bench)))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 18:11
12	36	((method with (mak\$4 or manufactur\$4 or form\$4) with (optical near (stage or table or bench)))) and align\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 18:12
13	6710	(optical near (stage or table or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/30 18:19
14	20	((optical near (stage or table or bench))) and (ion near source)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/30 18:20

Search History 12/30/03 6:45:52 PM

15	54387	spectrometer	USPAT;	2003/12/30
"	34507	500000000000000000000000000000000000000	US-PGPUB;	18:20
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
16	13	(((optical near (stage or table or	USPAT;	2003/12/30
10	13	(((optical hear (stage of table of bench))) and (ion near source)) and	US-PGPUB;	18:20
		spectromet\$3	EPO; JPO;	1 2
		spectromety3	DERWENT;	
			IBM TDB	
17	1172	((optical near (stage or table or	USPAT;	2003/12/30
+ /	11/2	((optical hear (stage of table of bench))) and (tolerance or margin or	US-PGPUB;	18:26
		(fraction near4 degree))	EPO; JPO;	10.20
		(Traction hear4 degree))	DERWENT;	
			IBM TDB	
10	016	// /ontigol noor /store on toble or	USPAT;	2003/12/30
18	816	(((optical near (stage or table or bench))) and (tolerance or margin or	USPAI; US-PGPUB;	18:26
		bench))) and (tolerance or margin or	EPO; JPO;	10.20
		(fraction near4 degree))) and align\$5	DERWENT;	
			IBM TDB	
		/// /	USPAT;	2003/12/30
19	23	((((optical near (stage or table or	USPAT; US-PGPUB;	18:34
		bench))) and (tolerance or margin or	EPO; JPO;	10.34
		(fraction near4 degree))) and align\$5)	DERWENT;	
		and (align with (tolerance or margin or	IBM TDB	
	1007	(fraction near4 degree)))	USPAT;	2003/12/30
20	1837	(ion nearl source) and spectrometer and	USPAT; US-PGPUB;	18:35
		(stage or table or bench or platform)	EPO; JPO;	10.33
			DERWENT;	
			IBM_TDB USPAT;	2003/12/30
21	70	((ion nearl source) and spectrometer and	USPAT; US-PGPUB;	18:35
		(stage or table or bench or platform))	1	10:33
		and (Einzel near lens)	EPO; JPO;	
			DERWENT;	
		1	IBM_TDB	2003/12/30
22	32	(((ion near1 source) and spectrometer and	USPAT;	18:36
		(stage or table or bench or platform))	US-PGPUB;	10:30
		and (Einzel near lens)) and align\$5	EPO; JPO;	
			DERWENT;	
			IBM_TDB	<u></u>